

## Product Information

### MemDX™ Membrane Protein Human CSF2RB (Colony stimulating factor 2 receptor subunit beta) for Antibody Discovery

Cat. No.: **MP0137Q**

This product is for research use only and is not intended for diagnostic use.

This product is a 49.7 kDa Human CSF2RB membrane protein expressed in Insect. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

#### Product Specifications

##### Host Species

Human

##### Target Protein

CSF2RB

##### Protein Length

Partial

##### Protein Class

Druggable Genome, Transmembrane

##### Molecular Weight

49.7 kDa

##### TMD

1

##### Sequence

MVLAQGLLSMALLALCWERSLAGAEETIPLQTLRCYNDYTSHITCRWADTQDAQRLVNVTIIRRVNEDLLEPVSCDLSDDMPWSAC

#### Product Description

##### Expression Systems

Insect

##### Tag

His

##### Form

Powder

##### Endotoxin

< 1.0 EU per 1 microgram of protein

### **Purity**

>95% by SDS - PAGE

### **Buffer**

10% glycerol

### **Storage**

Store at +4°C for up to one week or several months at -80°C

## **Target**

### **Target Protein**

CSF2RB

### **Full Name**

Colony stimulating factor 2 receptor subunit beta

### **Introduction**

The protein encoded by this gene is the common beta chain of the high affinity receptor for IL-3, IL-5 and CSF. Defects in this gene have been reported to be associated with protein alveolar proteinosis (PAP).

### **Alternative Names**

Cytokine receptor common subunit beta; GM-CSF/IL-3/IL-5 receptor common beta subunit; betaGMR; CD131; CDw131; IL3RB; IL5RB; SMDP5; GM-CSF/IL-3/IL-5 receptor common beta-chain; beta common cytokine receptor; beta-GM-CSF receptor; colony stimulating factor 2 receptor beta common subunit; colony stimulating factor 2 receptor, beta, low-affinity (granulocyte-macrophage); colony-stimulating factor-2 receptor, beta, low-affinity; interleukin 3 receptor/granulocyte-macrophage; colony stimulating factor 3 receptor, beta (high affinity)

### **Gene ID**

[1439](#)

### **UniProt ID**

[P32927](#)